

## **From the PESB: State Activities to Create Improved Data Systems for Decision Making**

### **Georgia: Educator Workforce Research and Development (EWRAD)**

<http://www.gapsc.com/Workforce.aspia>

The Division for Educator Workforce Research and Development (EWRAD) is a division of the Georgia Professional Standards Commission (PSC) and a component of the Georgia P-16 Council's Title II plan for having a qualified teacher in every classroom in Georgia by 2006. EWRAD was established to research and address educator workforce issues for Georgia. Additionally, EWRAD is responsible for collecting and reporting annual, interim, and special request supply and demand data on Georgia's educator workforce.

EWRAD has three primary functions:

- 1) to collect, analyze, and report educator workforce data and forecast trends related to: the supply and demand of teachers by subject field, grade level, and geographic area; mentor teachers; population distribution of school age children; HOPE scholarships; attrition rates of beginning teachers; and funding issues.
- 2) to serve as a clearinghouse to school districts by identifying qualified applicants and available positions, and by articulating preparation and certification alternatives, such as distance learning and part-time assignments, through which teacher candidates may seek and enter public school employment; and
- 3) to market teaching as a viable profession to high school sophomores who score well on the PSAT and to individuals who are interested in pursuing teaching as a career, including those pursuing lateral professional moves, second careers, and alternative certification paths.

Lastly, EWRAD manages three programs targeted to workforce recruitment, development, and retention: Georgia's National Board Certification, Public School Recruitment and Marketing, and Troops to Teachers. These programs are all integral components of EWRAD.

### **Delaware Educator Data System (DEEDS)**

Delaware Educator Data System (DEEDS) is the state of Delaware's Internet source for educator Licensure, Certification, and Professional Growth and Development. DEEDS provides its users with the tools necessary to apply for and maintain Delaware Licensure and Certification. In addition, DEEDS is a resource for those considering becoming licensed to educate in the state of Delaware.

DEEDS provides the general public with the following:

- public access to Delaware educator information in accordance with the No Child Left Behind Act of 2001.
- information concerning what it takes to become licensed and/or certified to educate in Delaware

DEEDS provides Delaware's educators with the following:

- a secure environment within which to communicate with the Department of Education's Department of Professional Accountability
- the ability to access, review, and update personal and professional information used by DDOE to license and certify an educator
- the ability to apply for new certification and licensure
- a mechanism to track professional development throughout an educator's career.

DEEDS provides Delaware's District Personnel with the following:

- a secure environment within which to communicate with the Department of Education's Department of Professional Accountability
- the ability to find and review, educator information
- a mechanism to assist in the professional development process throughout an educator's career.

### **Kentucky – Max Enterprise Data System (Max)**

<http://www.kde.state.ky.us/KDE/Administrative+Resources/Data+and+Research/Data+Requests/Information+on+Max.htm>

Max is the enterprise data system being developed jointly by the Kentucky Department of Education, the Education Professional Standards Board, and the Council on Postsecondary Education to assist schools, districts, policymakers, and other stakeholders in data-driven decision-making. The data in Max is all public information previously available only through an 'Open Records' request or a formal data-sharing agreement. Max makes this information easily accessible while still maintaining a secure data environment. Max works through innovative 'portal' technology that allows information from several databases to be shared and combined in a single environment. Max is the result of an ongoing three-year project that has included identifying inadequacies in the Commonwealth's P-16 education data system, recommending changes across the three participating agencies, redesigning data collection and sharing procedures, and reengineering business practices for efficiency and cost-effectiveness. Max includes school and district profiles, financial data, assessment results, and certification information, including an educator credentials report of teachers by content area, placement/assignment, and teachers under emergency, probationary or temporary provisional certificates by content area.

### **North Carolina: Governor's Mike Easley's Teacher Working Conditions Initiative**

In May 2002, Governor Mike Easley launched the Governor's Teacher Working Conditions Initiative with the goals of keeping good teachers in the classroom and improving education for all children. In partnership with the North Carolina Professional Teaching Standards Commission, with assistance from the NC Association of Educators, and with funding from BellSouth-NC, the Governor sent a survey on working conditions to every teacher, principal, licensed professional in the state's public schools. The survey includes 39 items about working conditions in five categories:

- 1) Time Management
- 2) Facilities and Resources
- 3) Leadership
- 4) Personal Empowerment
- 5) Opportunities for Professional Development

Over 42,000 voluntary responses were received from nearly 1,500 schools in 115 of the state's 117 school systems. In addition to a statewide report, the initiative has distributed school and district reports to all principals and superintendents. These reports contain in-depth information on responses from collective district personnel. This information allows schools and school systems to address specific working conditions in their schools.

Next steps for the initiative include:

- Developing in-depth profiles of schools with high teacher ratings of working conditions;
- Conduct additional research into the relationships between perceptions of working conditions and variables such as student achievement, school resources, student characteristics, teacher experience and quality;
- Continue to survey teachers and other licensed personnel on their perceptions of working conditions; and
- Communicate findings to the policy community and work with policymakers to address working conditions issues.

### **Texas PK-16 Public Education Information Resource**

The Texas PK-16 Public Education Information Resource (TPEIR) is a project designed to provide stakeholders in public education - including but not limited to administrators, educators, state leadership, researchers, and professional organizations - with ready access to public primary, secondary, and higher education information for purposes of research, planning, policy, and decision-making. TPEIR is a joint, cross-agency project managed by the Texas Education Agency, the Texas Higher Education Coordinating Board and the State Board for Educator Certification. This project includes an integrated interagency data store containing "raw" data currently collected through several different operational systems and stored in multiple distinct databases. Data in the TPEIR data store are a combination of aggregated and raw data. The system includes/will include data on educator preparation programs and faculty, teacher test results, certification/credentialing, hiring and placement.

### **Florida Education Data Warehouse**

<http://edwapp.doe.state.fl.us/doe/>

The Florida K-20 Education Data Warehouse (EDW) integrates existing, transformed data extracted from multiple sources that are available at the state level. It provides a single repository of data concerning students served in the K-20 public education system as well as educational facilities, curriculum and staff involved in instructional activities.